

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

826.1769

APPLICATION NO.

09/986293

FIRST NAMED INVENTOR

Hideo OKADA et al.

FILING DATE

November 7, 2001

GROUP ART UNIT

Unassigned

11002 U.S. PTO

09/986293

11/08/01

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
JD	AG	8-193805	07/30/1996	Japan			X	
JD	AH	5-136509	06/01/1993	Japan			X	
	AI							
	AJ							
	AK							
	AL							

## OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

JD	AM	"Spindler & Hoyer, Piezo Control", Opto Science, Inc., U2-U4 and U6.
JD	AN	"Basic Designs of Piezoelectric Positioning Elements", Physik Instrumente, 4,39.
	AO	

EXAMINER

Jennifer Dora

DATE CONSIDERED

10/31/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 826.1769	APPLICATION NO. 09/986,293
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FIRST NAMED INVENTOR Hideo OKADA et al.	
		FILING DATE November 8, 2001	GROUP ART UNIT 2874

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

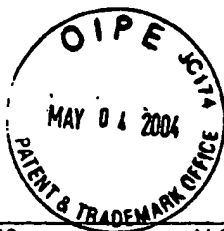
## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
JD	AG	WO 92/15903	09/17/92	PCT	—	—	X	
	AH							
	AI							
	AJ							
	AK							
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

							TRANSLATION YES NO	
	AM							

EXAMINER  Jennifer Doan	DATE CONSIDERED  06/09/04
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### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
JD	AA	6,002,661	12/14/99	Abe et al.	—	—	—
	AB						

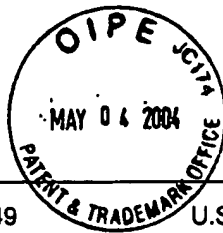
### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
JD	AC	WO 99/09448	02/25/99	PCT	—	—	X	
	AD							

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

							TRANSLATION YES NO	
JD	AE	Wada YUKIHIKO, PATENT ABSTRACTS OF JAPAN, Piezoelectric Element Array, Variable-Shape Mirror and Assembly Thereof, Compensating Optical Device, and Astronomical Telescope, Publication No.: 07066463, Publication Date: 03-10-95.					X	
JD	AF	Nishioka KIMIHIKO, PATENT ABSTRACTS OF JAPAN, Eccentric Optical System", Publication No.: 20002-98237, Publication Date: 10-24-00.						
JD	AG	A. CHELLABI et al., "Active Shape Control of a Deformable Mirror in an Adaptive Optic System", COMMUNICATIONS, COMPUTERS AND SIGNAL PROCESSING, 1997. 10 YEARS PACRIM 1987-1997 - NETWORKING THE PACIFIC RIM. 1997 IEEE PACIFIC RIM CONFERENCE ON VICTORIA, BC, CANADA 20-22 AUG. 1997, NEW YORK, NY, USA, IEEE, US, 20 AUGUST 1997 (1997-08-20), pp. 581-584.					X	

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			TRANSLATION	
			YES	NO
JD	AH	Koshichi NEMOTO, et al., "Transformation of a laser beam intensity profile by a deformable mirror", OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, Vol. 21, No. 3, 1 February 1996 (1996-02-01), pp. 168-170, XP 000629018.	X	
JD	AI	G. CHERIAUX, et al., "Temporal control of amplified femtosecond pulses with a deformable mirror in a stretcher", OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US. vol. 26, no. 3, February 2001 (2001-02), pp. 169-171, XP001038936	X	
JD	AJ	M. SHIRASAKI, "Compensation of Chromatic dispersion and dispersion slope using a virtually imaged phased array", OPTICAL FIBER COMMUNICATION CONFERENCE. (OFC). TECHNICAL DIGEST POSTCONFERENCE EDITION, ANAHEIM, CA, MARCH 17-22, 2001, TRENDS IN OPTICS AND PHOTONICS SERIES. vol. 1 of 4, 17 March 2001 (2001-03-17), pp. TuSI-1 -TuSI-3, XP010545824.	X	
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